

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	19	((("0891957") or ("352051776") or ("5238855") or ("6256926") or ("407215798") or ("10045461") or ("2000159572") or ("2000164572") or ("2000191369") or ("2000247726") or ("200162209") or ("9920812") or ("0100901") or ("0142526"))).PN.	EPO; JPO; DERWENT	OR	OFF	2007/08/29 15:44
S1	2	"20020018921"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/04 17:47
S2	2	"20010003271"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/04 17:48
S3	2	"20040067392"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/04 17:48
S4	629894	alumina or ("al.sub.2 o.sub.3") or (("Al" or aluminum) with oxide) or "alumina" or "aluminum oxide"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 16:39
S5	69432	S4 and ((RE or "rare earth") with oxide) or "Lanthane" or "lanthanide" or "lanthanum oxide" or "La.sub.2 O.sub.3" or (("La" or Lanthanum) with oxide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/08 11:29

## EAST Search History

S6	19247	S5 and (semiconductor or chamber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 16:46
S7	2052	S6 and "428"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 16:47
S8	221	S6 and 428/701.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/08 11:32
S9	629894	alumina or ("al.sub.2 o.sub.3") or ("Al" or aluminum) with oxide) or "alumina" or "aluminum oxide"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 12:39
S10	69432	S9 and ((RE or "rare earth") with oxide) or "Lanthane" or "lanthanide" or "lanthanum oxide" or "La.sub.2 O.sub.3" or ("La" or Lanthanium) with oxide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 12:39
S11	19247	S10 and (semiconductor or chamber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 12:39
S12	221	S11 and 428/701.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 14:03

## EAST Search History

S13	200	S11 and 428/701.ccls. and substrate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 14:03
S14	629894	alumina or ("al.sub.2 o.sub.3") or ("Al" or aluminum) with oxide) or "alumina" or "aluminum oxide"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 18:25
S15	69432	S14 and ((RE or "rare earth") with oxide) or "Lanthane" or "lanthanide" or "lanthanum oxide" or "La.sub.2 O.sub.3" or ("La" or Lanthanium) with oxide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 18:25
S16	19247	S15 and (semiconductor or chamber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 18:25
S17	200	S16 and 428/701.ccls. and substrate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 18:25
S18	17	S17 and gamma	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2007/03/07 18:26
S19	630242	alumina or ("al.sub.2 o.sub.3") or ("Al" or aluminum) with oxide) or "alumina" or "aluminum oxide"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/08 11:29

## EAST Search History

S20	59943	S19 and ((RE or "rare earth") with oxide) or "Lanthane" or "lanthanide" or "lanthanum oxide" or "La.sub.2 O.sub.3" or (("La" or Lanthanium) with oxide) and (gamma adj2 alumina)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/08 11:30
S21	400	S20 and 428/701.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/08 11:31
S22	69487	S19 and ((RE or "rare earth") with oxide) or "Lanthane" or "lanthanide" or "lanthanum oxide" or "La.sub.2 O.sub.3" or (("La" or Lanthanium) with oxide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/08 11:32
S23	19278	S22 and (semiconductor or chamber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/08 11:32
S24	221	S23 and 428/701.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/08 11:32
S25	3.	S24 and (gamma adj2 (alumina or "aluminum oxide"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/08 11:33
S26	2657	((alumina or (aluminum adj2 oxide) or ("al.sub.2" "o.sub.3")) with substrate) and (yttria same (coat or coating or layer or "corrosion-resistant" or interlayer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 14:53

## EAST Search History

S27	279844	"428"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 14:53
S28	823	S27 and S26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 15:03
S29	88876	"118"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 15:07
S30	2797	428/701.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 15:08
S31	3793	428/702.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 15:08
S32	93731	S29 or S30 or S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 15:08
S33	7132	S32 and (alumina or (aluminum adj2 oxide) or ("Al" with oxide) or ("al.sub.2 o.sub.3"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 15:12

## EAST Search History

S34	1231	S32 and (alumina or (aluminum adj2 oxide) or ("Al" with oxide) or ("al.sub.2 o.sub.3")) and (yttria or (yttrium with oxide) or ("y.sub.2 o.sub.3"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 15:14
S35	809	S32 and (alumina or (aluminum adj2 oxide) or ("Al" with oxide) or ("al.sub.2 o.sub.3")) and (yttria or (yttrium with oxide) or ("y.sub.2 o.sub.3")) and (percent or "%" or "wt. %")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 15:15
S36	763	S32 and (alumina or (aluminum adj2 oxide) or ("Al" with oxide) or ("al.sub.2 o.sub.3")) and (yttria or (yttrium with oxide) or ("y.sub.2 o.sub.3")) and (percent or "%" or "wt. %") and (substrate or base or bottom)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 15:26
S37	545	S32 and ((substrate or base or bottom) same (alumina or (aluminum adj2 oxide) or ("Al" with oxide) or ("al.sub.2 o.sub.3"))) and (yttria or (yttrium with oxide) or ("y.sub.2 o.sub.3")) and (percent or "%" or "wt. %")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 15:27
S38	411	S32 and ((substrate or base or bottom) with (alumina or (aluminum adj2 oxide) or ("Al" with oxide) or ("al.sub.2 o.sub.3"))) and (yttria or (yttrium with oxide) or ("y.sub.2 o.sub.3")) and (percent or "%" or "wt. %")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 11:30
S39	88876	"118"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 11:31
S40	2797	428/701.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 11:31

## EAST Search History

S41	3793	428/702.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 11:31
S42	93731	S39 or S40 or S41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 11:31
S43	188	S42 and ((substrate or base or bottom) with (alumina or (aluminum adj2 oxide) or ("Al" with oxide) or ("al.sub.2 o.sub.3"))) and (yttria or (yttrium with oxide) or ("y.sub.2 o.sub.3")) and (percent or "%" or "wt.%").clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 09:31
S44	51	billieres.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/25 17:34
S45	4	billieres.in. and yttria	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/25 17:37
S46	109	simpson.in. and yttria	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/25 17:37
S47	24	simpson.in. and yttria and matthew	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/25 17:37

## EAST Search History

S48	88897	"118"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 09:31
S49	2799	428/701.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 09:31
S50	3797	428/702.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 09:31
S51	93756	S48 or S49 or S50	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 09:31
S52	411	S51 and ((substrate or base or bottom) with (alumina or (aluminum adj2 oxide) or ("Al" with oxide) or ("al.sub.2 o.sub.3"))) and (yttria or (yttrium with oxide) or ("y.sub.2 o.sub.3")) and (percent or "%" or "wt. %")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 16:16
S53	0	("9731534").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/27 09:44
S54	112	((substrate or base or bottom) with (alumina or (aluminum adj2 oxide) or ("Al" with oxide) or ("al.sub.2 o.sub.3"))) and (yttria or (yttrium with oxide) or ("y.sub.2 o.sub.3")) and (percent or "%" or "wt. %")	EPO; JPO; DERWENT	OR	ON	2007/08/28 13:50
S55	1	("20020018921").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/28 13:51
S56	6	("2002/0018921").URPN.	USPAT	OR	OFF	2007/08/28 13:51



## EAST Search History

S57	6	("20020018921"   "20030049499"   "5560993"   "6143060"   "6383964"   "6447937").PN. OR ("6794047").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/28 17:03
S58	1	("20020018921").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/28 16:55
S59	261	hirotake.in.	US-PGPUB; USPAT; USOCR; FPRS	AND	ON	2007/08/28 16:56
S60	25	hirotake.in. and yttria	US-PGPUB; USPAT; USOCR; FPRS	AND	ON	2007/08/28 16:56
S61	2	hirotake.in. and yttria and (reacted with layer)	US-PGPUB; USPAT; USOCR; FPRS	AND	ON	2007/08/28 16:56
S62	15	("20010003271"   "20020177001"   "5783907"   "5798016"   "6071627"   "6294260"   "6383964"   "6447937").PN. OR ("6783875").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/28 17:04
S63	12	S62 and yttria	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/28 17:05
S64	12	S62 and yttria and alumina	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/28 17:05
S65	11	S62 and yttria and alumina and substrate	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/29 15:42